

ABSTRACT

A structure, box or hopper for transportation which is formed from a combination of polymers and steels. In one embodiment, polymers comprise the body of the hopper which is in direct contact with the load being transported. In this way, the polymers bear the impact and wear and tear caused by the material being transported. The present invention further comprises various systems for fastening the steel portion of the hopper to the polymeric portion including the use of adjustable elastomeric ropes for supporting a weight bearing rubber mat.